



03-06-00

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re. Appln.: Steven V. Larson  
Serial No.: Not yet assigned  
Filed: March 3, 2000  
For: DOOR AND FRAME FOR AIR HANDLING UNIT  
Attorney: Gerald E. Helget  
Attorney  
Docket No.: 13661-107  
Additional Fees: Charge to Deposit Account 50-1188

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

TRANSMITTAL COVER LETTER

Enclosed for filing, please find the following:

1. Utility Patent Application Transmittal;
2. Fee Transmittal for FY 2000;
3. Specification, claims and abstract;
4. Seven (7) sheets of informal drawings;
5. Declaration and Power of Attorney for Original Application;
6. Small Entity Verified Statement;
7. Check in the amount of \$345.00;
8. Recordation Form Cover Sheet, Assignment and check in the amount of \$40.00 for filing; and
9. Postcard receipts.

Respectfully submitted,

Dated: 3 Mar 00

  
Gerald E. Helget (Reg. No. 30,948)  
RIDER BENNETT EGAN & ARUNDEL  
2000 Metropolitan Centre  
333 South Seventh Street  
Minneapolis, MN 55402  
Telephone: (612) 340-8933

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Receipt No. EI294195051US, in an envelope addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

By Gerald E. Helget  
Date 3 Mar 00

JC678 U.S. PRO  
02/03/00

Please type a plus sign (+) inside this box →  +

PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

Attorney Docket No.	13661-107
First Inventor or Application Identifier	Steven V. Larson PTO
Title	DOOR AND FRAME FOR AIR HANDLING UNIT
Express Mail Label No.	EI294195051US

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 10]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
4. Oath or Declaration [Total Pages 1]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

### ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
(when there is an assignee)
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13.  \* Small Entity Statement(s)  Statement filed in prior application, (PTO/SB/09-12)  Status still proper and desired
14.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15.  Other: Transmittal Cover Letter with Certificate of Express Mailing

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or  Correspondence address below

Name	Gerald E. Helget RIDER, BENNETT, EGAN & ARUNDEL				
Address	2000 Metropolitan Centre 333 South Seventh Street				
City	Minneapolis	State	MN	Zip Code	55402
Country	USA	Telephone	(612) 340-8933		Fax (612) 340-7900

Name (Print/Type)	Gerald E. Helget	Registration No. (Attorney/Agent)	30,948
Signature			Date 3/3/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2000

*Patent fees are subject to annual revision.*

*Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.*

**TOTAL AMOUNT OF PAYMENT (\$)** **385.00**
*Complete if Known*

Application Number	
Filing Date	March 3, 2000
First Named Inventor	Steven V. Larson
Examiner Name	
Group / Art Unit	
Attorney Docket No.	13661-107

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <b>50-1188</b>				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee</th> <th>Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="4"></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td colspan="4"></td></tr> <tr> <td colspan="4"> <b>SUBTOTAL (1) (\$)</b> <b>345.00</b> </td> <td colspan="4"> <b>SUBTOTAL (3) (\$)</b> <b>40.00</b> </td> </tr> <tr> <td colspan="4"> <b>SUBMITTED BY</b>          Name (Print/Type) <b>Gerald E. Helget</b>          Signature  </td> <td colspan="4"> <i>Complete if applicable</i>          Registration No. (Attorney/Agent) <b>30,948</b> Telephone <b>(612) 340-8933</b>          Date <b>3/3/2000</b> </td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____								Other fee (specify) _____								<b>SUBTOTAL (1) (\$)</b> <b>345.00</b>				<b>SUBTOTAL (3) (\$)</b> <b>40.00</b>				<b>SUBMITTED BY</b> Name (Print/Type) <b>Gerald E. Helget</b> Signature				<i>Complete if applicable</i> Registration No. (Attorney/Agent) <b>30,948</b> Telephone <b>(612) 340-8933</b> Date <b>3/3/2000</b>			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Fee	Fee Description	Fee Paid																																																																																																																																																																																																				
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																					
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																					
139	130	139	130	Non-English specification																																																																																																																																																																																																					
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																					
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																					
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																					
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																					
116	380	216	190	Extension for reply within second month																																																																																																																																																																																																					
117	870	217	435	Extension for reply within third month																																																																																																																																																																																																					
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																																																																					
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																																																																					
119	300	219	150	Notice of Appeal																																																																																																																																																																																																					
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																																																					
121	260	221	130	Request for oral hearing																																																																																																																																																																																																					
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																					
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																					
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																																																																					
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																																																					
143	430	243	215	Design issue fee																																																																																																																																																																																																					
144	580	244	290	Plant issue fee																																																																																																																																																																																																					
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																					
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																					
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																					
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																					
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																					
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																					
Other fee (specify) _____																																																																																																																																																																																																									
Other fee (specify) _____																																																																																																																																																																																																									
<b>SUBTOTAL (1) (\$)</b> <b>345.00</b>				<b>SUBTOTAL (3) (\$)</b> <b>40.00</b>																																																																																																																																																																																																					
<b>SUBMITTED BY</b> Name (Print/Type) <b>Gerald E. Helget</b> Signature				<i>Complete if applicable</i> Registration No. (Attorney/Agent) <b>30,948</b> Telephone <b>(612) 340-8933</b> Date <b>3/3/2000</b>																																																																																																																																																																																																					
<b>WARNING:</b> <b>Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>																																																																																																																																																																																																									

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.